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SOURCE Czechoslovak newspapers as indicated. (Information requested.)

NEW CZECH MACHINERY PLANNED;
MACHINERY EXPORTED TO POLAND

NEW-TYPE GRINDING MACHINE DEVELOPED -- Rude Pravo, No 13, 16 Jan 49

In the Spojene Tovarny na Obrabeci Stroje (United Machine-Tool Factories) in Prague-Hostivar serial production is planned of a new type of grinding machine, in function and form the newest contribution of the enterprise to machine-tool production. The idea of a new hydraulic control, the main part of the machine, was developed by machinist Alois Haupt, who also constructed the heart of the new machine -- the hydraulic system -- which is an actual innovation in this field.

The new semiautomatic grinding machine was designed for serial and piece production. Hydraulic control makes it possible to perform all functions with one lever. The machine is also equipped for an automatic cycle, by which its service is further simplified and accelerated. Currently used machines require twelve operations; this machine requires only one, the start. The worker can concentrate entirely on control of his work, to say nothing of the saving in time.

The prototype of the machine was assembled in 1946, and a year later it aroused great interest at the exposition in Prague and in Holland. Now, after a few minor adjustments, the Hostivar plant has undertaken its serial production.

NEW FARM MACHINERY -- Rude Pravo, No 36, 12 Feb 49

The expanded program for the mechanization of agriculture outlined in the Five-Year Plan calls for the building of many new farm machines. Three types of tractors will be made in different sizes: a 45-60 horsepower tractor for heavy field work; a 25-35 horsepower tractor for moderate field work; and a light type, 15-horsepower tractor for cultivating vegetables, hops, etc.

Other new machines for cultivating, for planting beets and potatoes, for harvesting, and for threshing will be built.

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POLAND BUYS CZECH MACHINES -- Prace, No 36, 12 Feb 49

During the 4-year period ending in 1948, 1,400 machines for the Polish leather industry were exported and 17 were repaired. Three more are expected soon. In addition, Czech repair parts worth 60 million zlotys have been sent to Poland.

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